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Dates in parentheses above, indicate leaf out or starting date for ET accumulation for the specific crop

* Estimates are for orchard floor conditions where vegetation is managed by some combination of strip applications of herbicides, frequent mowing or tillage, and by mid and late season shading and water stress. Weekly estimates of soil moisture loss can be as much as 25 percent higher in orchards where cover crops are planted and managed more intensively for maximum growth.

** Very vigorous, non-salt affected peak season pistachio Kc can be as high as 1.19 – resulting in about 8% greater water use than shown in these tables.

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
System Efficiency >>>	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
Almonds (3/1)	1.3	1.1	1.0	0.9	1.3	1.1	1.0	0.9	1.3	1.1	1.0	0.9
Pistachio (4/8)	1.1	0.9	0.8	0.7	1.1	1.0	0.8	0.8	1.1	0.9	0.8	0.7
Citrus (2/1)	1.0	0.9	0.8	0.7	1.0	0.9	0.8	0.7	1.0	0.9	0.8	0.7
Raisin Grapes (3/15) (11 ft. row spacing)	Assume all grape			0.7	Assume all grape			0.7	Assume all grape			0.7
Winegrapes (3/15) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			0.8	irrigation type is drip			0.8	irrigation type is drip			0.8
Walnuts (4/8)	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.3
Stone Fruit (3/10)	1.2	1.0	0.9	0.8	1.2	1.0	0.9	0.8	1.2	1.0	0.9	0.8

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
Almonds 115 Trees/A	307	260	236	213	307	260	236	213	307	260	236	213
Pistachio 106 Trees/A	274	224	199	174	274	249	199	199	274	224	199	174
Citrus 110 Trees/A	247	222	197	173	247	222	197	173	247	222	197	173
Raisin Grapes 566 Vines/A	Assume all grape			34	Assume all grape			34	Assume all grape			34
Winegrapes 622 Vines/A	irrigation type is drip			35	irrigation type is drip			35	irrigation type is drip			35
Walnuts 76 Trees/A	143	107	107	107	143	143	107	107	143	143	107	107
Stonefruit 172 Trees/A	189	158	142	126	189	158	142	126	189	158	142	126

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